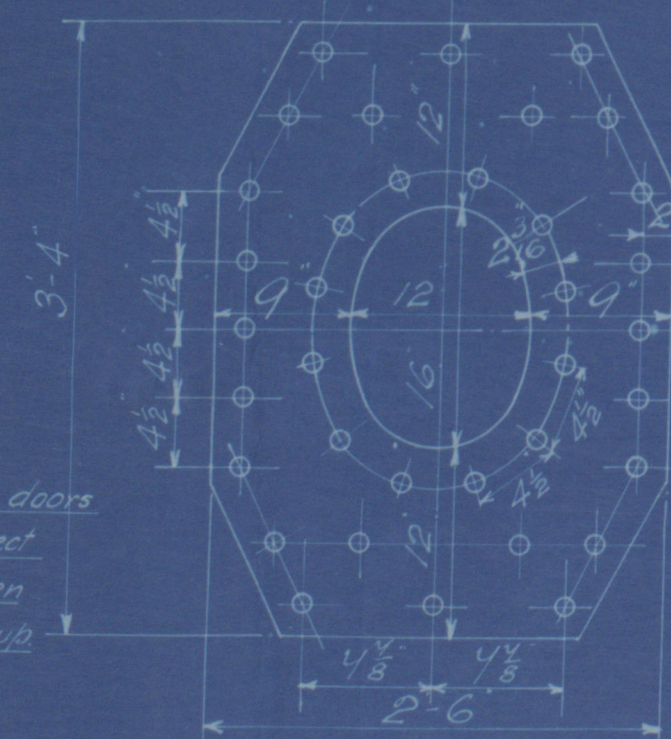


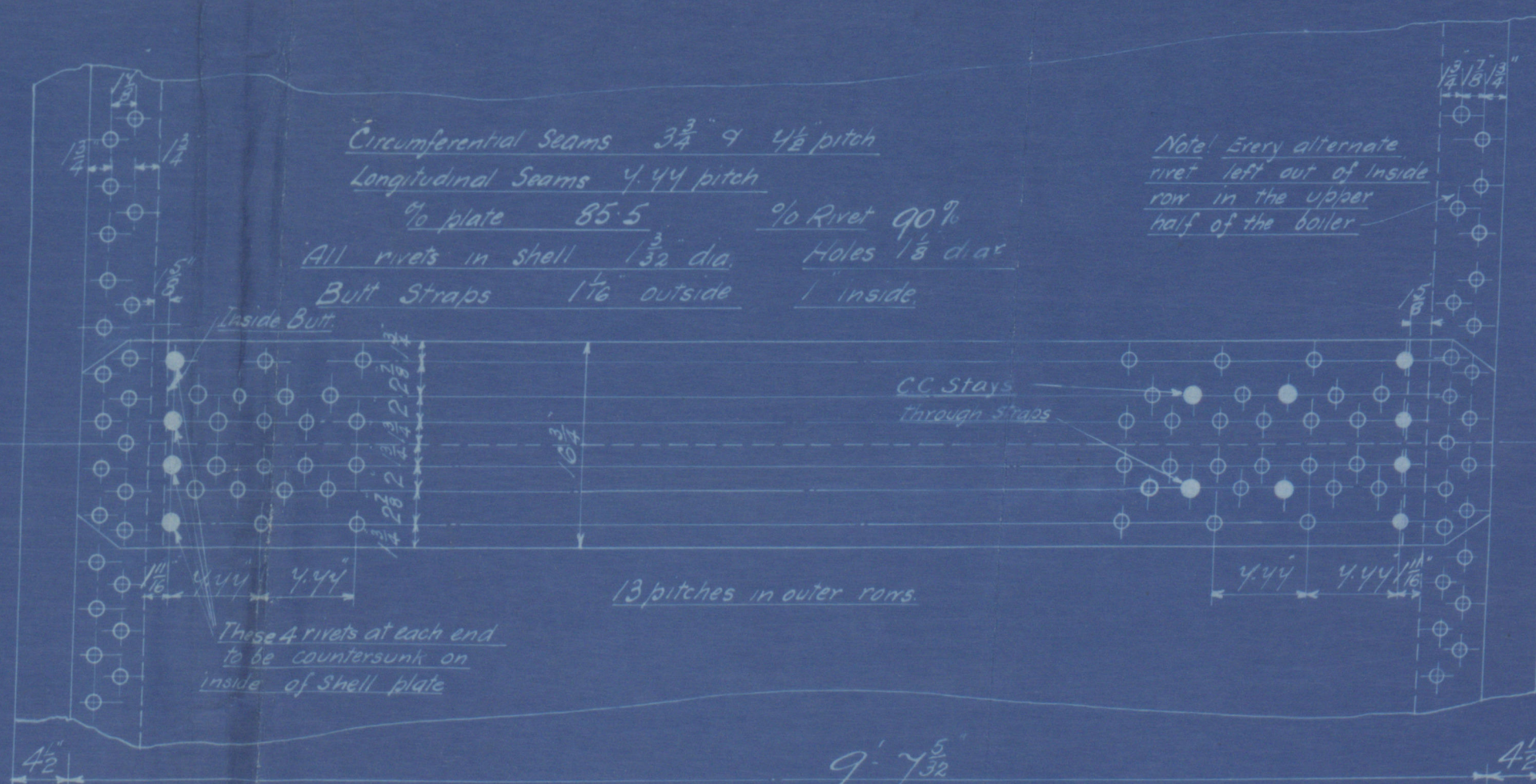
DIA. OF BOILER 13'-6" Inside diameter
 LENGTH OF DR 10'-6" Over Plates
 NUMBER OF TUBES 196
 LENGTH OF DR 6'-8" between plates
 DIA. OF DR 3" AREA THREE TUBES 100 sq. ft.
 HEATING SURFACE IN TUBES 1199 sq. ft.
 TOTAL HEATING SURFACE 1350 sq. ft.
 FIRE BAR SURFACE
 DIA. OF SAFETY VALVES
 CUBIC FEET OF STEAM SPACE 305
 WORKING PRESSURE 180/15 LLOYDS

20/3/13

Drawing Plate 1/8" thick
 Rivets 1/2" Holes 1/2"
 Fitted outside shell with
 short axis longitudinally



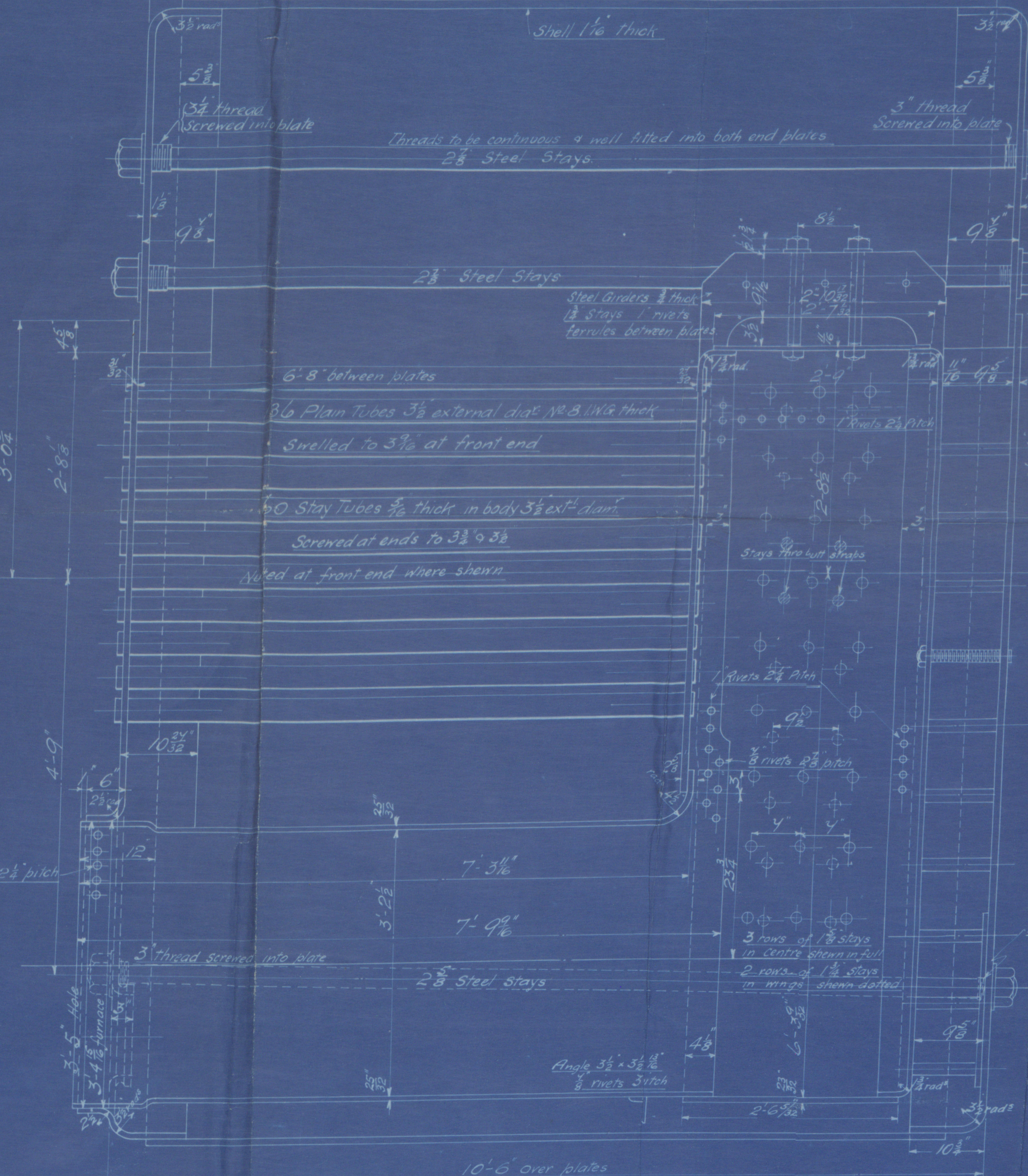
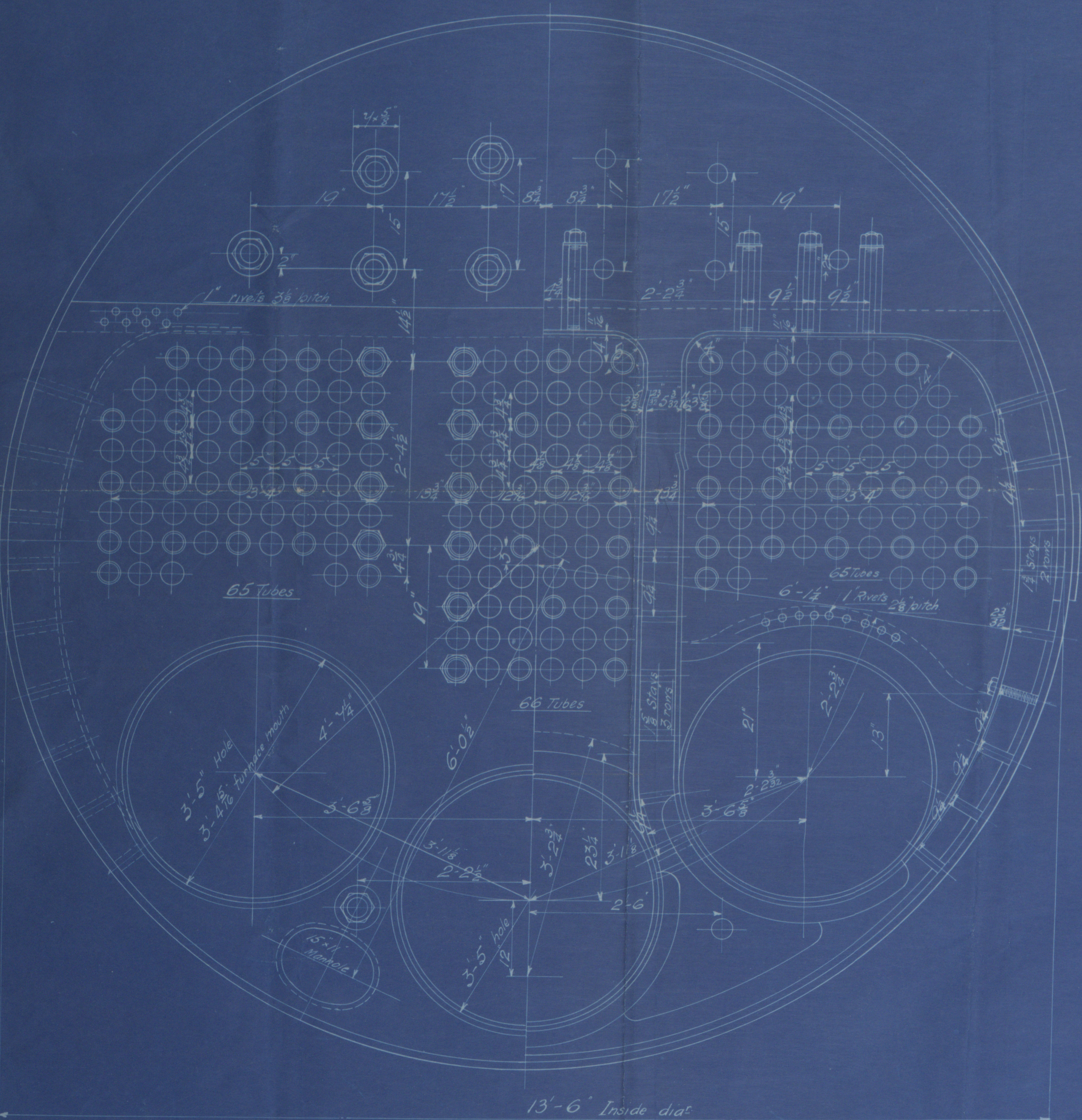
Stays on Manhole doors
 are not to project
 through nuts when
 nuts are tightened up



Note: Every alternate
 stay left out of inside
 row in the upper
 half of the boiler.

Note:
 The plates, rivets, & stays of steel by the Siemens Martins process
 All rivet holes drilled throughout the boiler. Those in shell after the
 plates are bent.
 All flanged plates to be annealed after the plates are bent.
 Stays are not to be welded. Tubes are of iron.
 Tensile strength of the shell plates & butt straps to be between
 20 & 35 Tons per sq. inch.
 The Combustion Chamber Stays are screwed into both plates and
 are fitted with nuts on inside of CC.
 Marginal Stays fitted with nuts. No washers inside CC.

Stays	Dia.	Stays at each end	No. of threads between each
Sham Space Stays	3"	6	6
Bottom Stays	2 1/2"	5	5
C.C. Stays	1 1/2"	2	2
"	1 1/2"	2	2
"	1 1/2"	2	2
Gracer Stays	1 1/2"	2	2
Stay Tubes 1/2"	3 1/2"	2	2



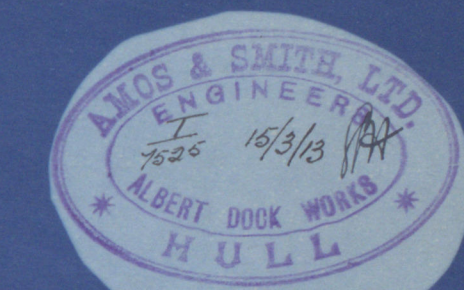
Care to be taken that
 C.C. stays are not
 sufficient clear of
 the rivets that they
 can be put
 upon the flat plate



— STEEL BOILER NO 2365 —

10418

Amos & Smith Ltd
 Engineers
 Albert Dock Works
 Hull



TITLE Steel Boiler
 DATE 1913
 ORDER 2365
 IF MADE
 1913

W625-00K R Lloyd's Register

Amos Smith
Boiler

Nº 2365

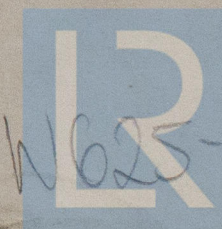
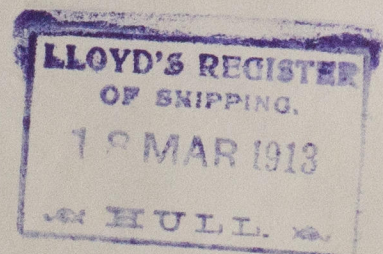
WP = 180 lb



Is Offa

Hull Rpt No: 27041.

RETAIN



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W625-0052
Lloyd's Register
Foundation

W625-0052 1/2

From AMOS & SMITH, Ltd., HULL.

Enclosure for

Lloyds.

Surveyors. Hull.

NUMBER OF TUBES